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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Application Number	10/803,333	
			Filing Date	3/17/2004	
			First Named Inventor:	Won Sun Shin	
			Examiner: unknown	GROUP: unknown	
Sheet	1	of	13	Attorney Docket Number	AMK-AB0975-2C

U.S. PATENT DOCUMENTS

Examiner Initials*	Cited No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear
Cal	A001	US-3,851,221	11/1974	Beaulieu et al.	
	A002	US-4,398,235	08/1983	Lutz et al.	
	A003	US-4,530,152	07/1985	Roche et al.	
	A004	US-4,567,643	02/1986	Droguet et al.	
	A005	US-4,707,724	11/1987	Suzuki et al.	
	A006	US-4,729,061	03/1988	Brown	
	A007	US-4,730,232	03/1988	Lindberg	
	A008	US-4,756,080	07/1988	Thorp, Jr. et al.	
Cal	A009	US-4,763,188	08/1988	Johnson	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Cntry Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear	T ⁶
Cal	A010	JP 62-126661	06/1987			
	A011	JP 4-56262	02/1992			
	A012	JP 63-244654	10/1988			
	A013	JP 5136323	06/1993			
Cal	A014	JP 5109975	04/1993			

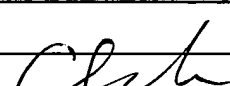
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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CAL	A015	US-4,982,265		01/1991	Watanabe et al.			
	A016	US-4,996,587		02/1991	Hinrichsmeyer et al.			
	A017	US-5,012,323		04/1991	Farnworth			
	A018	US-5,025,306		06/1991	Johnson et al.			
	A019	US-5,040,052		08/1991	McDavid			
	A020	US-5,138,438		08/1992	Masayuki et al.			
CAL	A021	US-5,140,404		08/1992	Fogal et al.			
FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document Cntry Code ³ Number ⁴ Kind Code ⁵ (if known)			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear	T ⁶
CAL	A022	JP	61117858		06/1986			
	A023	JP	4028260		01/1992			
	A024	JP	4116859		04/1992			
	A025	JP	4096358		03/1992			
CAL	A026	JP	5013665		01/1993			
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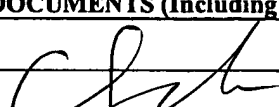
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CAL	A027	US-5,157,480		10/1992	McShane et al.			
	A028	US-5,165,067		11/1992	Wakefield et al.			
	A029	US-5,198,888		03/1993	Sugano et al.			
	A030	US-5,200,362		04/1993	Lin et al.			
	A031	US-5,229,647		07/1993	Gnadinger			
	A032	US-5,241,133		08/1993	Mullen, III et al.			
	A033	US-5,273,938		12/1993	Lin et al.			
CAL	A034	US-5,291,061		03/1994	Ball			
FOREIGN PATENT DOCUMENTS								
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CAL	A035	JP	4-368154		12/1992			
	A036	JP	54-128274		04/1979			
	A037	JP	1028856		01/1989			
	A038	JP	1099248		04/1989			
	A039	JP	60182731		09/1985			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
EXAMINER SIGNATURE: <i>C. Chah</i>								
DATE CONSIDERED: 2/01/05								

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U.S. PATENT DOCUMENTS							
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CAI	A040	US-5,323,060		06/1994	Fogal et al.		
	A041	US-5,334,875		08/1994	Sugano et al.		
	A042	US-5,347,429		09/1994	Kohno et al.		
	A043	US-5,394,010		02/1995	Tazawa et al.		
	A044	US-5,422,435		06/1995	Takiar et al.		
	A045	US-5,426,563		06/1995	Moresco et al.		
	A046	US-5,432,729		07/1995	Carson et al.		
	A047	US-5,438,224		08/1995	Papageorge et al.		
CAI	A048	US-5,463,253		10/1995	Waki et al.		
FOREIGN PATENT DOCUMENTS							
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CAI	A049	JP	56062351		05/1981		
	A050	JP	3169062		07/1991		
	A051	JP	10-256470		09/1998		
	A052	JP	1071162		03/1989		
CAI	A053	JP	5-75015		03/1993		
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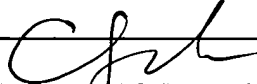
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Cal	A054	US-5,473,196	12/1995	De Givry	
	A055	US-5,474,957	12/1995	Urushima	
	A056	US-5,474,958	12/1995	Djennas et al.	
	A057	US-5,491,612	02/1996	Nicewarner, Jr.	
	A058	US-5,495,394	02/1996	Kornfeld et al.	
	A059	US-5,495,398	02/1996	Takiar et al.	
	A060	US-5,502,289	03/1996	Takiar et al.	
Cal	A061	US-5,514,907	05/1996	Moshayed	
	A062	US-5,569,625	10/1996	Yoneda et al.	

FOREIGN PATENT DOCUMENTS

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Cal	A063	JP 4-368167	12/1992			
	A064	JP 5-283601	10/1993			
	A065	EP 0 503 201 A2	12/1991			
	A066	JP 64-1269	01/1989			
	A067	JP 61059862	03/1986			


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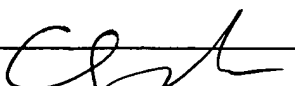
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	A069	US-5,587,341		12/1996	Masayuki et al.		
	A070	US-5,594,275		01/1997	Kwon et al.		
	A071	US-5,604,376		02/1997	Hamburgen et al.		
	A072	US-5,614,766		03/1997	Takasu et al.		
	A073	US-5,620,928		04/1997	Lee et al.		
	A074	US-5,625,221		04/1997	Kim et al.		
	A075	US-5,637,536		06/1997	Val		
	A076	US-5,637,912		06/1997	Cockerill et al.		
	A077	US-5,646,828		07/1997	Degani et al.		
CAL	A078	US-5,650,593		07/1997	McMillan et al.		
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CAL	A079	JP	62119952		06/1987		
CAL	A080	JP	62142341		06/1987		
CAL	A081	JP	63211663		09/1988		
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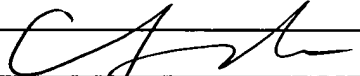
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number		10/803,333	
				Filing Date		3/17/2004	
				First Named Inventor:		Won Sun Shin	
				Examiner: unknown		GROUP: unknown	
Sheet	7	of	13	Attorney Docket Number		AMK-AB0975-2C	
U.S. PATENT DOCUMENTS							
Examiner Initials*	Cited No. ¹	Document Number Number - Kind Code ^{2(f known)}		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear	
CA	A082	US-5,668,405		09/1997	Yamashita		
	A083	US-5,677,569		10/1997	Choi et al.		
	A084	US-5,682,062		10/1997	Gaul		
	A085	US-5,689,135		11/1997	Ball		
	A086	US-5,696,031		12/1997	Wark		
	A087	US-5,696,666		12/1997	Miles et al.		
	A088	US-5,715,147		02/1998	Nagano		
	A089	US-5,721,452		02/1998	Fogal et al.		
	A090	US-5,729,051		03/1998	Nakamura		
	A091	US-5,739,581		04/1998	Chillara et al.		
	A092	US-5,744,827		04/1998	Jeong et al.		
	A093	US-5,760,471		06/1998	Fujisawa et al.		
CA	A094	US-5,763,939		06/1998	Yamashita		
FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear	T ⁶
		Cntry Code ³	Number ⁴ Kind Code ^{5 (f known)}				
CA	A095	JP	63128736		06/1988		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
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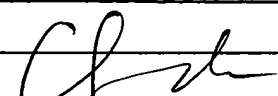
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CA	A096	US-5,767,528		06/1998	Sumi et al.		
	A097	US-5,777,387		07/1998	Yamashita et al.		
	A098	US-5,783,870		07/1998	Mostafazadeh et al.		
	A099	US-5,786,239		07/1998	Ohsawa et al.		
	A100	US-5,793,108		08/1998	Nakanishi et al.		
	A101	US-5,798,014		08/1998	Weber		
	A102	US-5,801,439		09/1998	Fujisawa et al.		
	A103	US-5,815,372		09/1998	Gallas		
	A104	US-5,835,355		11/1998	Dordi		
	A105	US-5,835,988		11/1998	Ishii		
CA	A106	US-5,859,471		01/1999	Kuraishi et al.		
	A107	US-5,861,666		01/1999	Bellaar		
FOREIGN PATENT DOCUMENTS							
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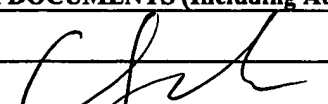
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				Examiner: unknown		GROUP: unknown		
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GAL	A108	US-5,866,949		02/1999	Schueller			
	A109	US-5,872,025		02/1999	Cronin et al.			
	A110	US-5,883,426		03/1999	Tokuno et al.			
	A111	US-5,885,849		03/1999	DiStefano et al.			
	A112	US-5,886,412		03/1999	Fogal et al.			
	A113	US-5,894,108		04/1999	Mostafazadeh et al.			
	A114	US-5,903,052		05/1999	Chen et al.			
	A115	US-5,917,242		06/1999	Ball			
	A116	US-5,952,611		09/1999	Eng et al.			
	A117	US-5,973,403		10/1999	Wark			
	A118	US-5,977,640		11/1999	Bertin et al.			
CA	A119	US-5,986,209		11/1999	Tandy			
FOREIGN PATENT DOCUMENTS								
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				Examiner: unknown		GROUP: unknown		
Sheet	10	of	13	Attorney Docket Number		AMK-AB0975-2C		
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CA	A120	US-6,001,671		12/1999	Fjelstad			
	A121	US-6,005,778		12/1999	Spielberger et al.			
	A122	US-6,013,948		01/2000	Akram et al.			
	A123	US-Re. 36,613		03/2000	Ball			
	A124	US-6,034,423		03/2000	Mostafazadeh et al.			
	A125	US-6,034,427		03/2000	Lan et al.			
	A126	US-6,051,886		04/2000	Fogal et al.			
	A127	US-6,057,598		05/2000	Payne et al.			
	A128	US-6,060,778		05/2000	Jeong et al.			
CA	A129	US-6,072,233		06/2000	Corisis et al.			
FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document Cntry Code ³ Number ⁴ Kind Code ⁵ (if known)		Publication Date MM-DD- YYYY	Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines Where Relevant Passages or Figures Appear	T ⁶
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Sheet	11	of	13	Attorney Docket Number	AMK-AB0975-2C


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CAL	A130	US-6,072,243		06/2000	Nakanishi	
✓	A131	US-6,080,264		06/2000	Ball	
	A132	US-6,093,970		07/2000	Ohsawa et al.	
	A133	US-6,097,089		08/2000	Gaku et al.	
	A134	US-6,107,689		08/2000	Kozono	
	A135	US-6,127,833		10/2000	Wu et al.	
	A136	US-6,133,637		10/2000	Hikita et al.	
	A137	US-6,160,705		12/2000	Stearns et al.	
	A138	US-6,172,419	B1	01/2001	Kinsman	
	A139	US-6,180,696	B1	01/2001	Wong et al.	
	A140	US-6,180,881	B1	01/2001	Isaak	
CAL	A141	US-6,184,463	B1	02/2001	Panchou et al.	

FOREIGN PATENT DOCUMENTS

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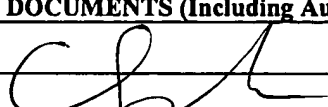
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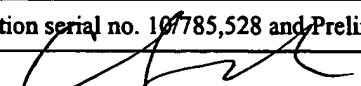
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CAU	A142	US-6,214,641	B1	04/2001	Akram		
	A143	US-6,228,676	B1	05/2001	Glenn et al.		
	A144	US-6,235,554	B1	05/2001	Akram et al.		
	A145	US-6,313,522	B1	11/2001	Akram et al.		
	A146	US-6,326,696	B1	12/2001	Horton et al.		
	A147	US-6,395,578	B1	05/2002	Shin et al.		
	A148	US-6,396,143	B1	05/2002	Kimbara et al.		
	A149	US-6,399,418	B1	06/2002	Glenn et al.		
	A150	US-6,404,046	B1	06/2002	Glenn et al.		
	A151	US-6,448,506	B1	09/2002	Glenn et al.		
CAU	A152	US-6,452,278	B1	09/2002	DiCaprio et al.		
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number		10/803,333		
				Filing Date		3/17/2004		
				First Named Inventor:		Won Sun Shin		
				Examiner: unknown		GROUP: unknown		
Sheet	13	of	13	Attorney Docket Number		AMK-AB0975-2C		
U.S. PATENT DOCUMENTS								
Examiner Initials*	Cited No. ¹	Document Number Number - Kind Code ^{2,4} (/known)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear		
CAL	A153	US-6,459,148	B1	10/2002	Chun-Jen et al.			
	A154	US-6,486,537	B1	11/2002	Liebhard			
	A155	US-6,501,184	B1	12/2002	Shin et al.			
	A156	US-6,515,356	B1	02/2003	Shin et al.			
✓	A157	US-6,564,454	B1	05/2003	Glenn et al.			
CAL	A158	US-6,577,013	B1	06/2003	Glenn et al.			
FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document Cntry Code ³ Number ⁴ Kind Code ⁵ (/known)			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear	T ⁶
CAL	A159	KR	1999-0065599		08/1999			
CAL	A160	KR	1999-0080278		11/1999			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
CAL	U.S. Patent Application serial no. 107785,528 and Preliminary Amendment thereto dated 02/24/2004.							
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